

What is claimed is:

1. A method of sealing a capless fuel tank filler tube comprising:
 - (a) disposing a bulkhead having a nozzle receiving opening therein in the inlet region of the filler tube and forming a rim about the opening;
 - (b) disposing a door for pivotal movement on the downstream side of said bulkhead and biasing said door for movement in a direction toward a closed position contacting the rim; and,
 - (c) disposing an annular flexible seal on one of said door and said rim and engaging said seal in wiping contact with said rim in the closed position.
2. The method defined in claim 1, wherein said step of forming a rim includes forming a tapered surface.
3. The method defined in claim 2, wherein said step of forming a rim includes forming a curved surface.
4. The method defined in claim 1, wherein said step of disposing a flexible seal includes forming a wiper of elastomeric material having relatively high resistance to fuel vapor permeation and attaching the wiper to the door.
5. The method defined in claim 1, wherein said step of disposing a door includes forming a door of stamped metal.
6. The method defined in claim 1, wherein said step of disposing a flexible seal includes forming an annular groove in the door and inserting a portion of the seal in the groove.

7. The method defined in claim 1, wherein said step of disposing a door includes stamping a door from sheet metal with an annular groove and inserting the flexible seal in the groove.
8. The method defined in claim 1, wherein said step of disposing an annular seal includes forming an annular groove in the door, inserting the seal in the groove and crimping a portion of the door and retaining the seal in the groove.
9. The method defined in claim 1, wherein said step of biasing the door includes dampening the movement of the door in the direction toward contacting the rim.
10. The method defined in claim 9, wherein said step of dampening movement includes flowing fluid through a restrictor.
11. The method defined in claim 9, wherein said step of dampening movement includes disposing a piston in a tube.
12. The method defined in claim 9, wherein said step of dampening includes flowing fluid through a bleed passage in a closed one-way valve.
13. The method defined in claim 9, wherein said step of dampening includes drawing fluid through a bleed passage into a bellows.

14. A sealing arrangement for a fuel tank filler tube comprising:
 - (a) a filler tube having a bulkhead with a nozzle receiving aperture therein disposed in the region of the inlet end of the tube with the periphery of the aperture having a rim thereabout;
 - (b) a flapper door disposed for pivotal movement on the downstream side of the bulkhead including an annular seal on one of said door and said rim; and,
 - (c) means operative for biasing said flapper door for movement in a direction toward said bulkhead for closing, wherein said seal makes wiping contact with said rim in the closed position.
15. The sealing arrangement defined in claim 14, wherein said bulkhead and said rim are formed integrally as a one-piece member.
16. The sealing arrangement defined in claim 14, wherein said rim is formed with one of a tapered and a spherical surface.
17. The sealing arrangement defined in claim 14, wherein said seal is formed of elastomeric material.
18. The sealing arrangement defined in claim 14, wherein said means operative for biasing includes a torsion spring.
19. The sealing arrangement defined in claim 14, wherein said door includes an annular groove formed therein with a portion of said seal received in said groove.
20. The sealing arrangement defined in claim 14, wherein said seal contacts the radially outer surface of said rim.

21. The sealing arrangement defined in claim 14, wherein said annular seal is formed of elastomeric material relatively impervious to fuel vapor.
22. The sealing arrangement defined in claim 14, further comprising apparatus operable for dampening movement of the flapper door in the direction toward the bulkhead.
23. The sealing arrangement defined in claim 22, wherein said apparatus for dampening movement includes a piston and tube device.
24. The sealing arrangement defined in claim 22, wherein said apparatus for dampening movement includes means operative for effecting fluid flow through a restrictor.
25. The sealing arrangement defined in claim 22, wherein said apparatus for dampening includes a bellows with a one-way valve and a bleed passage.
26. The sealing arrangement defined in claim 22, wherein said apparatus for dampening includes a piston in a tube.
27. The sealing arrangement defined in claim 22, wherein said apparatus for dampening includes a pneumatic dampener.